

Publication List

1. M. Kawashiro, T. Mori, M. Ito, N. Ando, and S. Yamaguchi “Photodissociative Modules that Control Dual-Emission Properties in Donor– π –Acceptor Organoborane Fluorophores” *Angew. Chem. Int. Ed.* **2023**, *62*, e202303725.
2. R. Feng, T. Mori, T. Yasuda, H. Furuta, and S. Shimizu “Panchromatic Small-Molecule Organic Solar Cells Based on a Pyrrolopyrrole Aza-BODIPY with a Small Energy Loss” *Dyes Pigm.* **2023**, *210*, 111020.
3. P. Lenz, R. Oshimizu, S. Klabunde, C. G. Daniliuc, C. Mück-Lichtenfeld, J. C. Tendyck, T. Mori, W. Uhl, M. R. Hansen, H. Eckert, S. Yamaguchi, and A. Studer “Oxy-Borylenes as Photoreductants: Synthesis and Application in Dehalogenation and Detosylation Reactions” *Angew. Chem. Int. Ed.* **2022**, *61*, e202209391.
4. T. Mori, Y. Yamaguchi, S. Kawata, and T. Yasuda “An S-Shaped Thienoacene Semiconductor Forming Unique Cruciform Lamellar Packing via a 2D Interaction Network of π -Stacking and Chalcogen Bonding” *J. Mater. Chem. C* **2021**, *9*, 13090.
5. T. Mori and T. Yasuda “U-Shaped Heteroacenes Embedded with Heavy Chalcogen Atoms (Se, Te): Unique Bilayer Self-Organization of Crooked π -Cores Enabling Efficient Charge Transport” *Adv. Electron. Mater.* **2021**, *7*, 2001052.
6. T. Menda, T. Mori, and T. Yasuda “Regiocontrolled Synthesis of Ester-Functionalized Polythiophenes via Direct Arylation Polycondensation” *Polym. J.* **2021**, *53*, 403.
7. T. Mori, H. Komiyama, T. Ichikawa, and T. Yasuda “A Liquid-Crystalline Semiconducting Polymer Based on Thienylene–Vinylene–Thienylene: Enhanced Hole Mobilities by Mesomorphic Molecular Ordering and Thermoplastic Shape-Deformable Characteristics” *Polym. J.* **2020**, *52*, 313.
8. Y. Yamaguchi, Y. Kojiguchi, S. Kawata, T. Mori, K. Okamoto, M. Tsutsui, T. Koganezawa, H. Katagiri, and T. Yasuda “Solution-Processable Organic Semiconductors Featuring S-Shaped Dinaphthothienothiophene (S-DNTT): Effects of Alkyl Chain Length on Self-Organization and Carrier Transport Properties” *Chem. Mater.* **2020**, *32*, 5350.
9. T. Oyama, T. Mori, T. Hashimoto, M. Kamiya, T. Ichikawa, H. Komiyama, Y. S. Yang, and T. Yasuda “High-Mobility Regioisomeric Thieno[*f,f'*]bis[1]benzothiophenes: Remarkable Effect of *Syn/Anti* Thiophene Configuration on Optoelectronic Properties, Self-Organization, and Charge-Transport Functions in Organic Transistors” *Adv. Electron. Mater.* **2018**, *4*, 1700390.
10. H. Komiyama, T. Oyama, T. Mori, and T. Yasuda “ π -Conjugated Naphthodithiophene Homopolymers Bearing Alkyl/Alkylthio-Thienyl Substituents: Facile Synthesis Using Hexamethylditin and Their Charge-Transport and Photovoltaic Properties” *Polym. J.* **2017**, *49*, 729.
11. T. Mori, T. Oyama, H. Komiyama, and T. Yasuda “Solution-Grown Unidirectionally Oriented Crystalline Thin Films of a U-Shaped Thienoacene-Based Semiconductor for High-Performance Organic Field-Effect Transistors” *J. Mater. Chem. C* **2017**, *5*, 5872.